



PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) **0.00****Complete if Known**

Application Number	10/630,241
Filing Date	July 30, 2003
First Named Inventor	Roger BLOT
Examiner Name	Clifford C. Shaw
Art Unit	1725
Attorney Docket No.	Serie 5856

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 01-1375 Deposit Account Name: American Air Liquide, Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
21	- 27	= 0	x 50 = 0			
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
2	- 3	= 0	x 200 = 0			
HP = highest number of independent claims paid for, if greater than 3						

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/ 50 =	(round up to a whole number) x	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

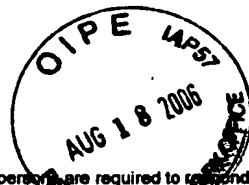
Other: _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	59,020	Telephone (713) 624-8787
Name (Print/Type)	Brandon S. Clark	Date	August 15, 2006	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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PTO/SB/06 (12-04)

Approved for use through 7/31/2006. OMB 0851-0032

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PATENT APPLICATION FEE DETERMINATION RECORD						Application or Docket Number 10/630,241 (Serie 5856)	
Substitute for Form PTO-675							
APPLICATION AS FILED - PART I							
7/30/03		(Column 1)		(Column 2)		SMALL ENTITY OR OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED			NUMBER EXTRA			
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A			N/A	RATE (\$)	FEE (\$)	RATE (\$)
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A			N/A	N/A		N/A
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A			N/A	N/A		N/A
TOTAL CLAIMS (37 CFR 1.16(i))	15	minus 20 =	0		x	=	x \$18 =
INDEPENDENT CLAIMS (37 CFR 1.16(h))	2	minus 3 =	0		x	=	x \$84 =
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.							
					TOTAL		TOTAL
							\$750
APPLICATION AS AMENDED - PART II							
6/22/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	20	=	7	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT D	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT E	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT F	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT G	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT H	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT I	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT J	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT K	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT L	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT M	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT N	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT O	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT P	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT Q	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT R	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT S	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT T	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT U	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT V	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))	2	Minus	3	=	0	
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
10/31/05		(Column 1)		(Column 2)		(Column 3)	
AMENDMENT W	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA				
	Total (37 CFR 1.16(i))	27	Minus	27	=	0	
	Independent (37 CFR 1.16(q))						

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PATENT APPLICATION FEE DETERMINATION RECORD						Application or Docket Number 10/630,241 (Serie 5856)			
Substitute for Form PTO-875									
CLAIMS AS FILED - PART I									
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE	RATE	FEE		
BASIC FEE (37 CFR 1.16(a))									
TOTAL CLAIMS (37 CFR 1.16(c))		minus 20 =	*	X	=	X	=		
INDEPENDENT CLAIMS (37 CFR 1.16(b))		minus 3 =	*	X	=	X	=		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+	=	+	=		
				TOTAL		TOTAL			
* If the difference in column 1 is less than zero, enter "0" in column 2.									
CLAIMS AS AMENDED - PART II									
5/18/06		(Column 1)		(Column 2)		(Column 3)			
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE	
	Total (37 CFR 1.16(c))	*	Minus	**	=		OR	=	
	Independent (37 CFR 1.16(b))	*	Minus	***	=		OR	=	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+	=	OR	+	=
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
8/15/06		(Column 1)		(Column 2)		(Column 3)			
AMENDMENT D	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE	
	Total (37 CFR 1.16(c))	*	Minus	**	=		OR	x \$50 =	0
	Independent (37 CFR 1.16(b))	*	Minus	***	=		OR	x \$200 =	0
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+	=	OR	+	=
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	\$0
(Column 1)		(Column 2)		(Column 3)					
AMENDMENT E	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE	
	Total (37 CFR 1.16(c))	*	Minus	**	=		OR	X	=
	Independent (37 CFR 1.16(b))	*	Minus	***	=		OR	X	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+	=	OR	+	=
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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